



MEMORANDUM

TO: Mid-Coast IR TMDL Local Stakeholder Advisory Committee (LSAC) Members
FROM: Turner Odell and Peter Harkema, Oregon Consensus (OC)
SUBJECT: DRAFT – Action Items from May 16 Meeting – DRAFT
DATE: May 22, 2012

This memo follows up on the May 16, 2012, meeting of the Mid-Coast Implementation Ready Total Maximum Daily Load (IR TMDL) Local Stakeholder Advisory Committee (LSAC), held in person at the Florence Events Center in Florence, Oregon. The memo includes the following: proposed future meeting dates, identified action items and brief summaries of key topics discussed.

Upcoming Meetings

Please take note and calendar the following meetings.

Meeting	Date	Location
Bacteria TWG/Temperature TWG	June 19 (<i>tentative-members will be contacted</i>)	Newport
LSAC Meeting 4	June 20, 2012	Newport (<i>additional information by June 6</i>)
LSAC Meeting 5 TWG Meetings	July 17 and 18, 2012	TBD
LSAC Meetings 6 - 14 TWG Meetings	August 2012 – November 2013 (<i>see Meeting Schedule & Workplan</i>)	TBD

Action Items

Action Item	Who	Date
1. <u>Action Items</u> <ul style="list-style-type: none">Prepare draft Action Items memo and distribute to LSAC members for review	OC (Turner and Peter) with DEQ	Complete

<p>2. <u>303d List and Data Methodologies</u></p> <ul style="list-style-type: none"> • Continue to provide updates as things develop • Post stand-alone maps of Mid-Coast Basin showing the currently listed/impaired stream segments 	<p>DEQ</p> <p>DEQ</p>	<p>Ongoing</p> <p>In advance of next meeting</p>
<p>3. <u>Process Agreements</u></p> <ul style="list-style-type: none"> • Contact LSAC members who were not present to confirm agreement on group membership and Operating Principles • Distribute/post final Operating Principles to LSAC • Distribute draft final membership/alternate list for group review and approval 	<p>DEQ/OC</p> <p>OC</p> <p>OC</p>	<p>In advance of 6/20 meeting</p> <p>Via email</p> <p>In advance of 6/20 meeting</p>
<p>4. <u>Communication</u></p> <ul style="list-style-type: none"> • Distribute draft concise summaries of the MC-TMDL process and the IR TMDL concept for use by LSAC members with their constituents and for other communication efforts • Look for opportunities to inform the community of Mid-Coast TMDL efforts • Consider how best to maintain ongoing coordination between TWGs 	<p>DEQ</p> <p>DEQ/Committee members</p> <p>OC/DEQ/Committee members</p>	<p>In advance of 6/20 meeting</p> <p>Ongoing</p> <p>Ongoing</p>
<p>5. <u>Additional Committees</u></p> <ul style="list-style-type: none"> • Continue to provide updates on Ad Hoc Policy committee development 	<p>DEQ</p>	<p>Ongoing</p>
<p>6. <u>Bacteria TWG</u></p> <ul style="list-style-type: none"> • Schedule a meeting and continue efforts 	<p>TWG members</p>	<p>Ongoing</p>

<p>7. <u>Temperature</u></p> <ul style="list-style-type: none"> • Select representative group to serve on TWG; notify LSAC of membership once finalized • Schedule and conduct Temperature TWG meeting • Provide link to decision rules used in setting beneficial/fish use designations for different streams in the Oregon temperature WQS • Post link to U.S. District Court Acosta ruling on natural conditions criteria • Post link (http://www.deq.state.or.us/wq/tmdls/tools.htm) to IMST report on HeatSource method review 	<p>DEQ</p> <p>DEQ with TWG members</p> <p>DEQ with NOAA</p> <p>DEQ</p> <p>DEQ</p>	<p>By cob, June 1</p> <p>June 19 (<i>tentative</i>)</p> <p>In advance of 6/20 meeting</p> <p>In advance of 6/20 meeting</p> <p>In advance of 6/20 meeting</p>
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LSAC Members Present: Hui Rodomsky (Salmon Drift Creek WSC), Paul Engelmeyer (Native Fish Society/Wetlands Conservancy), Paul Robertson (Devils Lake), Liz Vollmer-Buhl (Siuslaw Watershed Council), Jeff Light (Plum Creek Timber Company), Dale Stewart (USDI BLM Portland), Joe Steere (small woodland agriculture), Richard Huff (private landowner), Kevin Fenn (ODA), Wayne Hoffman (Mid Coast Watersheds Council), Karl Schumacher (Georgia Pacific, Toledo LLC), Dan Avery (ODFW), Glen Spain (PCFFA), Seth Mead (alt for Ray Kinney - Siuslaw SWCD), Mark Tilton (alt for Steve Hager - Siuslaw WSC), Heather Medina Saucedo (NRCS), Don Kessi (private landowner), David Wilkinson (ODA), Stan Van de Wetering (Confederated Tribes of the Siletz Indians), Peter Daugherty (ODF), Joshua Lambert (Lincoln SWCD), Kami Ellingson (USFS), Randy Hereford (Starker Forests Inc.), Jeremy Groom (ODF)

Project Team Members Present: David Waltz, Gene Foster, Ryan Michie, Josh Seeds, Kevin Brannan, Shannon Hubler (DEQ), Alan Henning, Jayne Carlin (via phone) (EPA)

Other Attendees (partial list): Jeff Lockwood (NOAA), Maryanne Reiter (Weyerhaeuser Company), Jason Kirchner (ODFW), Eric Geyer (Roseburg Forest Products), Nina Bell (NW Environmental Advocates), Peter Adams (BLM), Chris Jarmer (OFIC), Greg Peterson (Peterson Engineering), Greg Torland (private landowner), Mary Scurlock (M. Scurlock Associates), Steve Steiner (BLM), Dave Rankin (Small Woodlands),

Facilitation: Turner Odell (OC), Peter Harkema (OC)

Meeting Notes

Key Topics and Themes

During the third meeting of the Mid-Coast TMDL LSAC attendees: (1) heard updates on agreed-upon action items from the April 18 meeting, (2) heard an overview and provided feedback on the temperature TMDL approach and status in the Mid Coast, (3) heard a preliminary overview and provided feedback on sediment and turbidity standards and impairments in the Mid Coast, (4) heard a summary of responsibilities and volunteered for service on the temperature TWG membership. The meeting agenda, meeting materials (including PowerPoint presentations) will be available through the DEQ Mid-Coast TMDL project website at:

(<http://www.deq.state.or.us/wq/tmdls/midcoast.htm>).

Stakeholder Questions, Issues, Concerns, and Agency Responses

Updates and General Discussion

Members received updates on past action items from the DEQ and facilitation teams, including a brief overview of the joint EQC and BOF meeting and watershed tour in late April. Some members noted that the tour was well run and useful, whereas one member mentioned that it was less valuable because only the EQC and BOF members were allowed to ask questions.

Some members expressed interest in ensuring that there is substantial interagency coordination through the MidCoast IR-TMDL process and that landowners are able to deal with one lead agency (e.g., ODA or ODF) as they implement measures to comply with the TMDL. ODA's representative reiterated the agency's intent that the Agricultural water quality program meets load allocations and water quality standards. A Memorandum of Agreement (MOA) was mentioned as one mechanism to achieve this level of coordination. DEQ confirmed that a revised MOA with ODA on water quality protection was nearly completed and addresses coordination on the IR-TMDL process, whereas the MOA with ODF dates to 1998 and will be examined and revised as needed. It was noted that DEQ also has MOAs with the U.S. BLM and U.S. Forest Service.

Some members expressed an interest in ensuring that the distinct efforts to develop strategies to address the three impairments (temperature, bacteria and sediment) be well coordinated to take advantage of inter-parameter synergies. Some members also expressed an interest in addressing both streams that are impaired but not listed for temperature, bacteria or sediment, and streams that may have other impairments (e.g., DO). An example was provided using local observations of high turbidity or sediment loads. DEQ responded that where there is existing adequate data for listing additional (i.e., as yet unlisted) stream segments for bacteria, sediment and temperature, this TMDL process will look at those segments, whereas local knowledge can help identify and prioritize areas of concern not addressed in the TMDLs for grant funded work through watershed councils or SWCDs. It was also noted that the TMDL process will provide opportunities for cross-impairment coordination. An additional suggestion for improving this cross-parameter coordination was to ensure that to the extent the separate TWGs divide up their work geographically, that they use similar groupings (of segments and monitoring stations) to facilitate that coordination.

Temperature Discussion

Members were provided an overview of Oregon's water quality standard for temperature and the process that DEQ utilizes to develop the TMDLs and evaluate different implementation scenarios. DEQ walked through the temperature TMDL "conceptual model" that was provided to assist members identify specific steps and LSAC/TWG roles in the TMDL development process. Members asked a number of questions about the standard related to the biological criteria, the natural conditions criteria, and the human use allowance (HUA) of 0.3 degrees Centigrade. DEQ staff explained that the HUA was developed from the EQC policy of limiting anthropogenic impacts to stream temperature, considering the accuracy of measurement equipment available at the time. Members also commented on the error or uncertainty inherent in the HeatSource model used to simulate temperature conditions on streams under current and alternative scenarios. DEQ acknowledged that uncertainty exists in modeled scenarios and indicated that assumptions and uncertainty in the model will be addressed with the TWG. DEQ pointed out that many of the streams that are being addressed have significant measurable impairments

and the model is useful in making comparative analyses of the relative effectiveness of different scenarios in addressing those impairments (i.e., to evaluate change in the system). DEQ indicated that the direct cost of different implementation scenarios will be estimated as part of the temperature analysis. One member indicated there are also economic costs associated with not implementing certain actions to improve water quality, including those costs related to effects on recreational and commercial fisheries.

Sediment Discussion

Members were provided an overview of Oregon's narrative biological criteria and sedimentation standards, how standards are interpreted, and the status of these impairments in the Mid-Coast. Members asked a variety of questions about these standards, including how they were developed and how these work in practice. Several detailed technical questions were asked about the statistical basis for the biological criteria which DEQ addressed and agreed to provide additional information. There was preliminary discussion about these topics and biological criteria and sedimentation will be one primary focus of the next LSAC meeting.

The group also received an overview of the turbidity standard, DEQ's analysis and Report on turbidity in Coast Range drinking water systems, and the status of impairments in the Mid-Coast (i.e., the upper Siletz River drinking water source area (DWSA)). The Siletz DWSA is listed as an impaired waterbody based on the number of days of high turbidity and the increasing trend. DEQ staff clarified that the cities of Siletz, Newport and Toledo all shut down their drinking water intakes in response to high turbidity, and that Siletz relies on the Siletz river year-around, whereas Newport and Toledo utilize secondary sources during winter-spring. A drinking water protection project is being developed by those cities, DEQ and other partners.

TWG Selection

DEQ provided members with an overview of the knowledge, expertise and experience that would be important to have represented on the Temperature TWG. Per the request of some members and by way of comparison, DEQ also provided a draft overview of the knowledge or experience that would be helpful for the Sediment TWG members. Desirable criteria for TWG participation are listed below, followed by the list of individuals who either volunteered or who were suggested to participate on the temperature TWG. (Sediment TWG volunteers will be identified at the next LSAC meeting.)

Temperature TWG Member Criteria: DEQ is seeking individuals with expertise/experience in the following:

- Ecology - riparian ecosystems, vegetation succession, invasive species, disturbance
- Soils
- Stream hydrology
- Riparian or in stream restoration/management
- Temperature data collection, modeling, or analysis

DRAFT Sediment TWG Member Criteria

- Riparian/ecosystem restoration and vegetation management
- Land-use management and local knowledge of land uses
- Landslides and mass movement
- Roads
- Stream hydrology

- Drinking water treatment
- Aquatic ecology

Temperature TWG Volunteers

Volunteers from LSAC or Alternates:

- Kevin Fenn (ODA)
- Paul Engelmeyer (Native Fish Society)
- Dale Stewart (or designee from BLM)
- Jeff Light (Plum Creek)
- Kami Ellingson (USFS)
- Marganne Allen or Jeremy Groom (ODF)
- Stan van de Wetering (Confederated tribes of the Siletz Indians)
- Glenn Spain (PCFFA)
- Jason Kirchner (ODFW)
- Liz Vollmer-Buhl (Siuslaw Watershed Council)

Non LSAC/Alternates Volunteered by Others:

- Maryanne Reiter (Weyerhaeuser)
- Jeff Lockwood (NOAA)
- Greg Peterson (Landowner/Small Woodlot)
- Kate Danks (or someone representing livestock interests)
- County government

Agenda for Next LSAC Meeting

The next LSAC meeting is scheduled to be in Newport, agenda topics include the following:

- Action Items updates
- Revised Workplan and Conceptual Models
- Bacteria TWG update
- Temperature TWG update
- Overview of Sediment approach and methodology
 - Additional discussion on sediment methodology
 - Overview of data & impairments
 - Overview of Sediment TMDL; development & implementation framework
 - Identify Sediment TWG members

The meeting adjourned at approximately 3:30 PM.